

Title (en)
RNA ACTION INHIBITOR AND USE THEREOF

Title (de)
RNA-INHIBITOR UND SEINE VERWENDUNG

Title (fr)
INHIBITEUR DE L'ACTION DE L'ARN ET SON UTILISATION

Publication
EP 4019088 A1 20220629 (EN)

Application
EP 20856865 A 20200820

Priority
• JP 2019153235 A 20190823
• JP 2020031513 W 20200820

Abstract (en)
Provided is an agent for inhibiting the action of a target RNA based on RNA interference and ASO. The RNA interference agent is provided with a passenger strand and a guide strand for a target RNA, wherein both ends of double-stranded RNA formed pairing of the passenger strand and the guide strand are blunt ends, and one or two or more selected from the group consisting of the units represented by formula (1) and formula (2) below are provided at the following positions (a) and (b):(a) 5' end side and 3' end side of the passenger strand,(b) 3' end side of the guide strand(in which X represents an oxygen atom or sulfur atom),(in which X represents an oxygen atom or sulfur atom).

IPC 8 full level
A61P 3/10 (2006.01); **A61K 31/7115** (2006.01); **A61K 31/713** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C12N 15/113** (2010.01)

CPC (source: EP US)
A61K 31/7115 (2013.01 - US); **A61P 3/10** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP);
C12N 15/1138 (2013.01 - EP US); **C12N 2310/11** (2013.01 - EP); **C12N 2310/14** (2013.01 - EP); **C12N 2310/315** (2013.01 - EP);
C12N 2310/322 (2013.01 - EP); **C12N 2310/323** (2013.01 - EP); **C12N 2310/3341** (2013.01 - EP)

C-Set (source: EP)
C12N 2310/322 + **C12N 2310/3525**

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4019088 A1 20220629; **EP 4019088 A4 20240117**; CN 114269924 A 20220401; JP 2022062034 A 20220419; JP 7017193 B2 20220208;
JP 7216381 B2 20230201; JP WO2021039598 A1 20210927; TW 202122095 A 20210616; US 2022401466 A1 20221222;
WO 2021039598 A1 20210304

DOCDB simple family (application)
EP 20856865 A 20200820; CN 202080059161 A 20200820; JP 2020031513 W 20200820; JP 2021510484 A 20200820;
JP 2022002855 A 20220112; TW 109128644 A 20200821; US 202017637707 A 20200820